



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/043,639B  
Source: IFW16  
Date Processed by STIC: 1/04/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/efb/efs/downloads/documents.htm>) , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box-1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202



IFW16

## RAW SEQUENCE LISTING

DATE: 01/04/2005

PATENT APPLICATION: US/10/043,639B

TIME: 11:21:12

Input Set : E:\CHEP004.APP.txt

Output Set: N:\CRF4\01042005\J043639B.raw

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 4 CROUX, CHRISTIAN  
 5 SOUCAILLE, PHILIPPE  
 7 <120> TITLE OF INVENTION: METHOD FOR PREPARING 1,3-PROPANEDIOL BY A RECOMBINANT  
 8 MICRO-ORGANISM IN THE ABSENCE OF COENZYME B12 OR ONE OF  
 9 ITS PRECURSORS  
 11 <130> FILE REFERENCE: CHEP:004US  
 13 <140> CURRENT APPLICATION NUMBER: 10/043,639B  
 14 <141> CURRENT FILING DATE: 2002-01-09  
 16 <150> PRIOR APPLICATION NUMBER: PCT/FR00/01981  
 17 <151> PRIOR FILING DATE: 2000-07-07  
 19 <150> PRIOR APPLICATION NUMBER: FR 99/08939  
 20 <151> PRIOR FILING DATE: 1999-07-09  
 22 <160> NUMBER OF SEQ ID NOS: 14  
 24 <170> SOFTWARE: PatentIn Ver. 2.1  
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**Does Not Comply  
Corrected Diskette Needed**

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77 &lt;213&gt; ORGANISM: Clostridium butyricum

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110 &lt;213&gt; ORGANISM: Clostridium butyricum

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Output Set: N:\CRF4\01042005\J043639B.raw

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239 35 40 45
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263 165 170 175
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10/043,639B 6

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<211> 34

<212> DNA

<213> Artificial Sequence

*needs explanation (see p. 7)*

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34

7

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*error  
Explanation*

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Use of <220> Feature(NEW RULES):

Sequence(s) \_\_ are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:11



**VERIFICATION SUMMARY**

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TIME: 11:21:13

Input Set : E:\CHEP004.APP.txt

Output Set: N:\CRF4\01042005\J043639B.raw

L:560 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:11, <213>

ORGANISM:Artificial Sequence

L:560 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:11, <213>

ORGANISM:Artificial Sequence

L:560 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:11,Line#:560